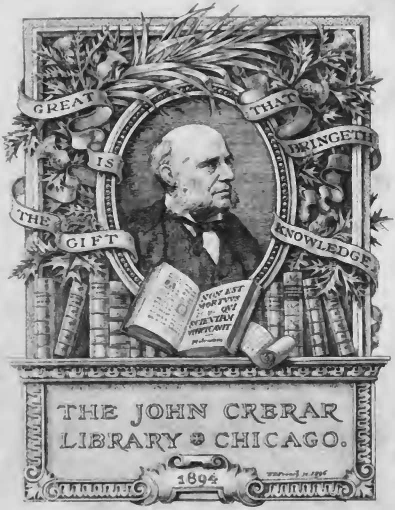
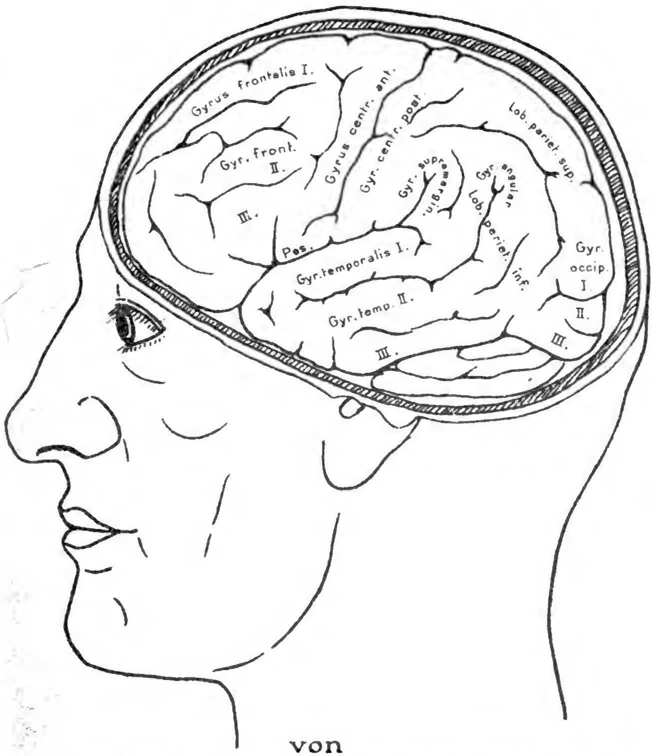

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1894

SCHEMATA
zum Einzeichnen von
KOPF- UND GEHIRNVERLETZUNGEN



von

PROF. KURT GOLDSTEIN.

Abteilungsvorsteher am Neurolog. Institut der Universität Frankfurt a/M.

Verlag von J. F. Bergmann, Wiesbaden.

1916.

SCHEMATA

DES

NEUROLOGISCHEN INSTITUTES ZU FRANKFURT A. M.

ZUM EINZEICHNEN VON

KOPF- UND GEHIRN-VERLETZUNGEN

VON

PROF. KURT GOLDSTEIN

ABTEILUNGSVORSTEHER AM NEUROLOGISCHEN INSTITUT DER UNIVERSITÄT FRANKFURT A. M.

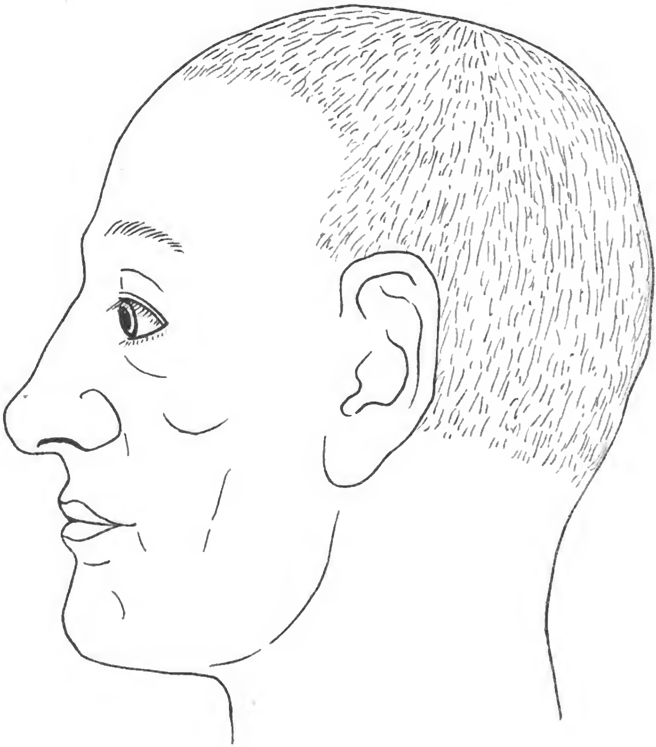
VERLAG VON J. F. BERGMANN, WIESBADEN
1916

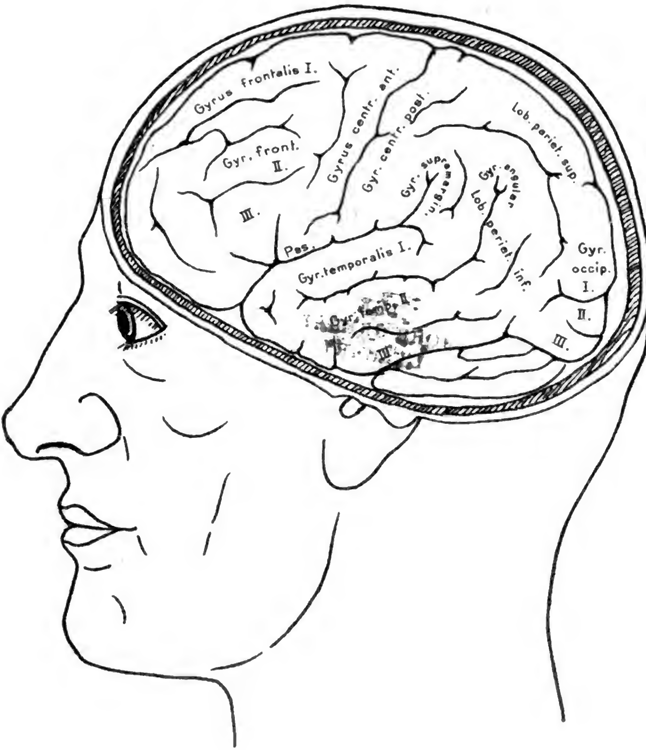
Vorbemerkungen.

Vorliegende Schemata sind aus einem praktischen Bedürfnisse entstanden. Die große Zahl von Kopfschußverletzungen, die wir infolge des Krieges zu untersuchen haben, erweckte den Wunsch, die Verletzung sowohl des Schädels wie des Gehirnes im Bilde festzuhalten. Dazu sollen die hier gegebenen Schemata dienen. Sie sind so gezeichnet, daß die entsprechenden Bilder des Kopfes und des Gehirnes aufeinander passen. Legt man zwischen das Bild des Kopfes und das des Gehirnes ein Durchdruckpapier, so wird beim Einzeichnen der äußeren Verletzung die ihr entsprechende Stelle des Gehirnes gleichzeitig markiert. Unter Berücksichtigung des Verlaufes des Schußkanales kann so die ungefähre Lage der Hirnverletzung aus dem Hirnschema unmittelbar erkannt werden.

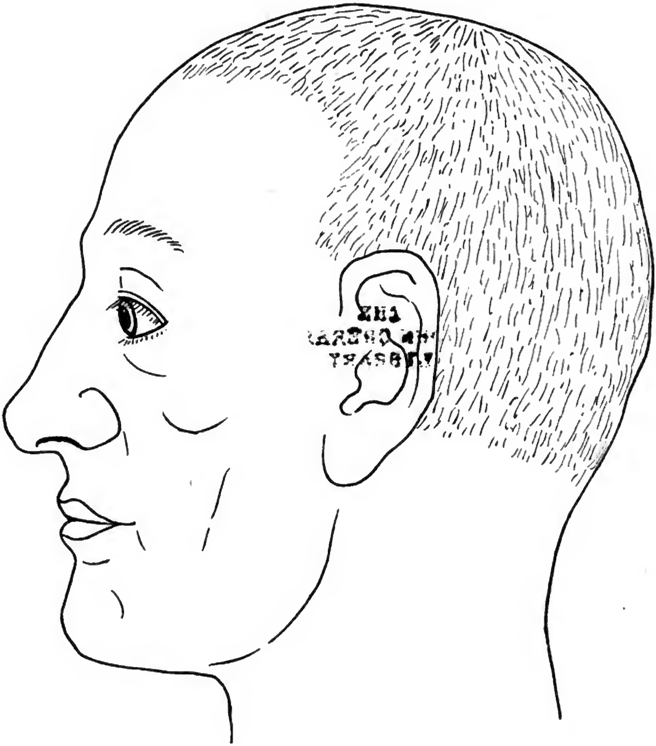
Die Schemata werden auch sonstigen klinischen Bedürfnissen dienen können. Klinisch diagnostizierte Hirnherde werden direkt auf die Schädeloberfläche gepaust und dem Chirurgen dadurch die Bestimmung der Stelle, an der er bei einer event. Operation einzugehen hat, erleichtert werden. Bei mittleren Verhältnissen, wie sie die Zeichnungen darstellen, kann man aus dem Kopfbilde ohne weiteres die in Betracht kommende Stelle ersehen und sie dadurch leicht auf der Oberfläche des wirklichen Kopfes wiederfinden. Besonders lange oder besonders kurze Schädel erfordern einige Änderungen, wobei am besten die üblichen Messungen neben den Schematen verwendet werden.

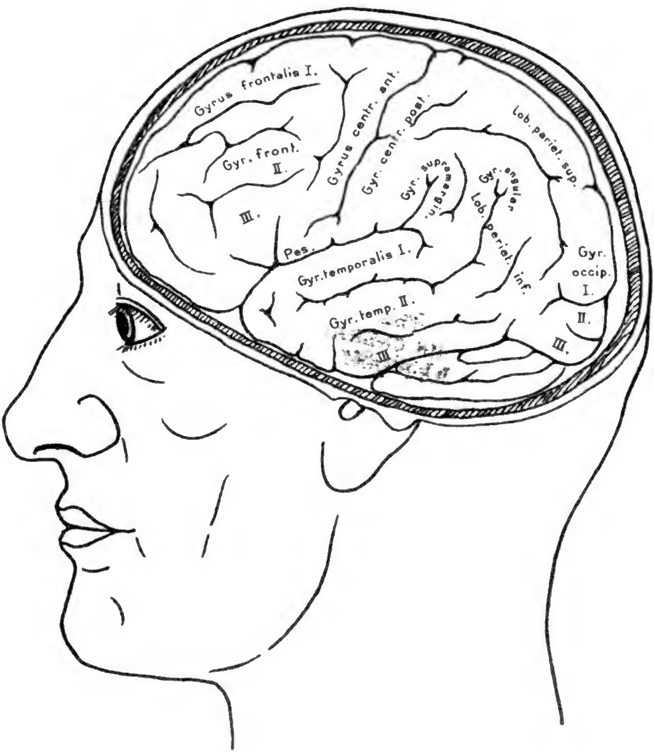
Diese Ausgabe der Schemata ist wesentlich den Anforderungen, die die Schußverletzungen an uns stellen, angepaßt. Da hierbei die Verletzungen des Gehirnes wesentlich dessen Oberfläche betreffen, so konnte von der Wiedergabe von Querschnittsbildern durch das Gehirn, die doch nur einen Wert haben, wenn sie in größerer Zahl gegeben werden, abgesehen werden.

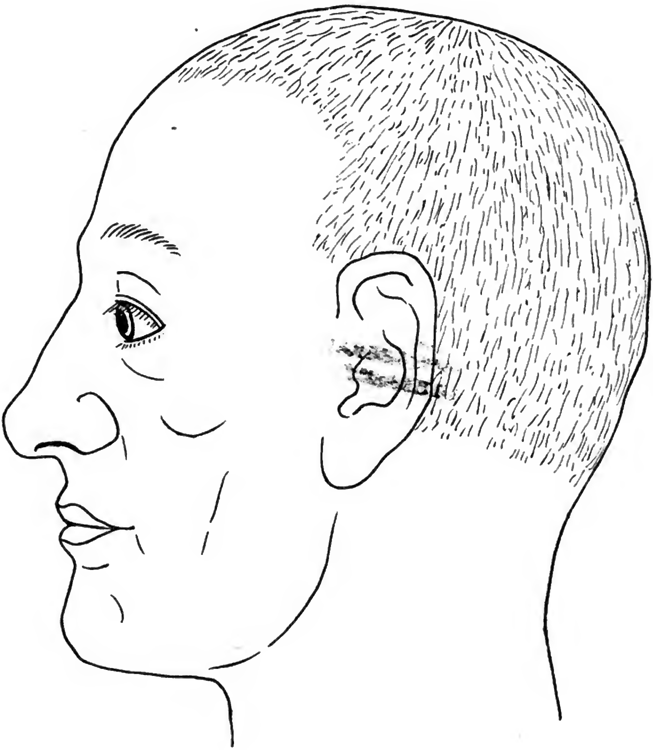


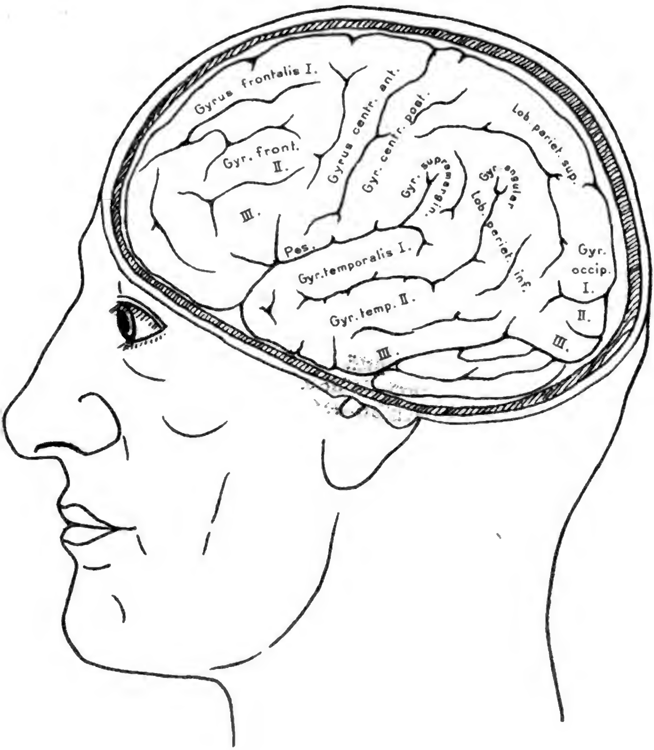


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Gyr. front.
II.
III.
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Gyr. supramargin.
Gyr. angular
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Lob. pariet. inf.
Pes.
Gyr. temporalis I.
Gyr. occip.
I.
II.
III.

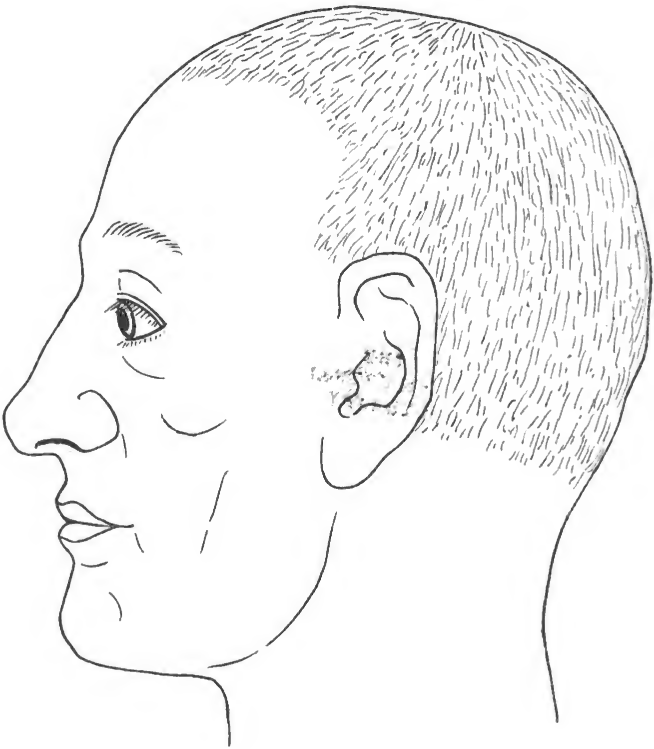


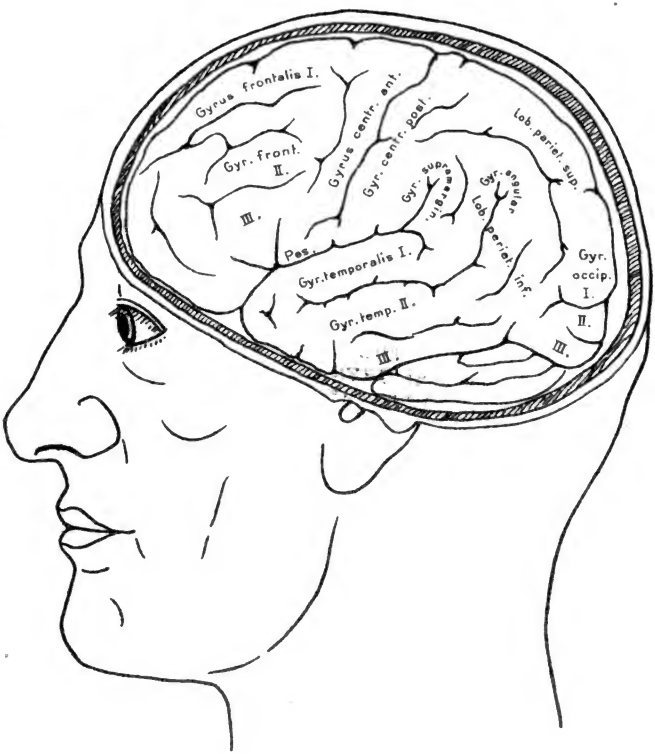

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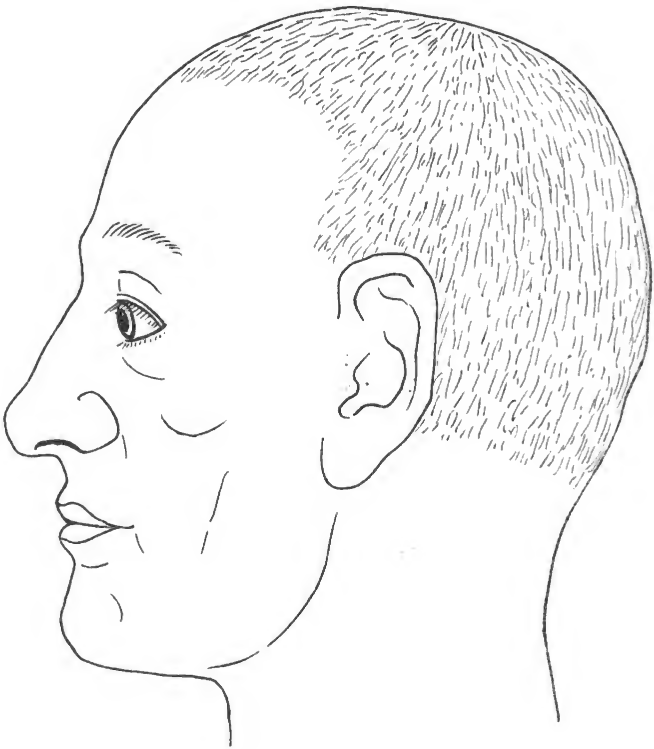


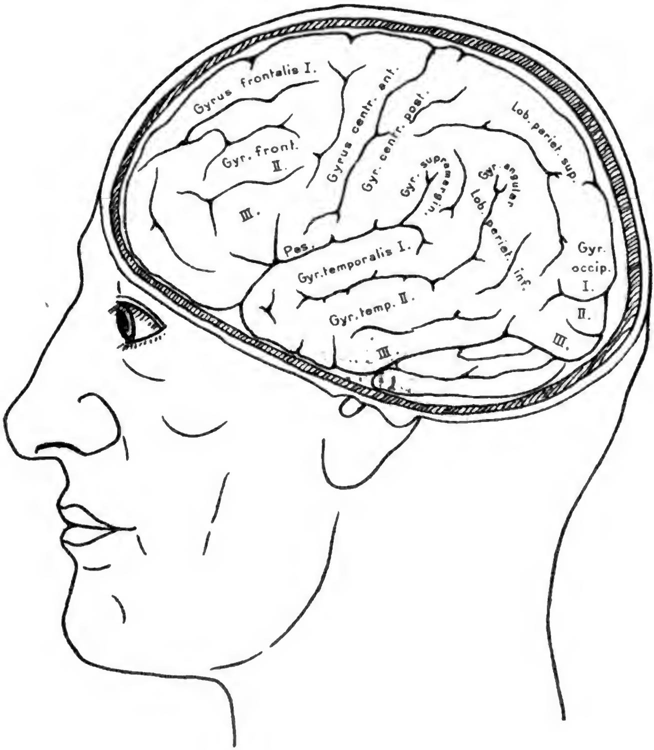


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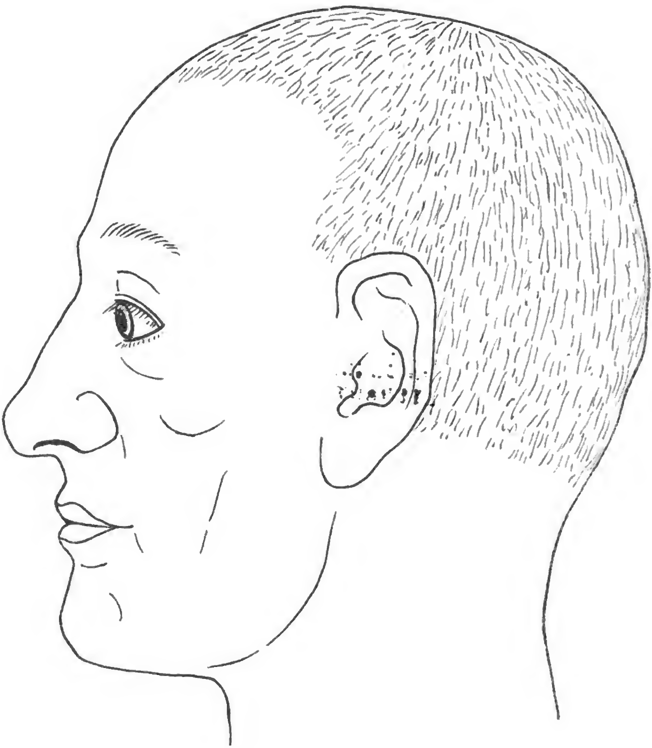


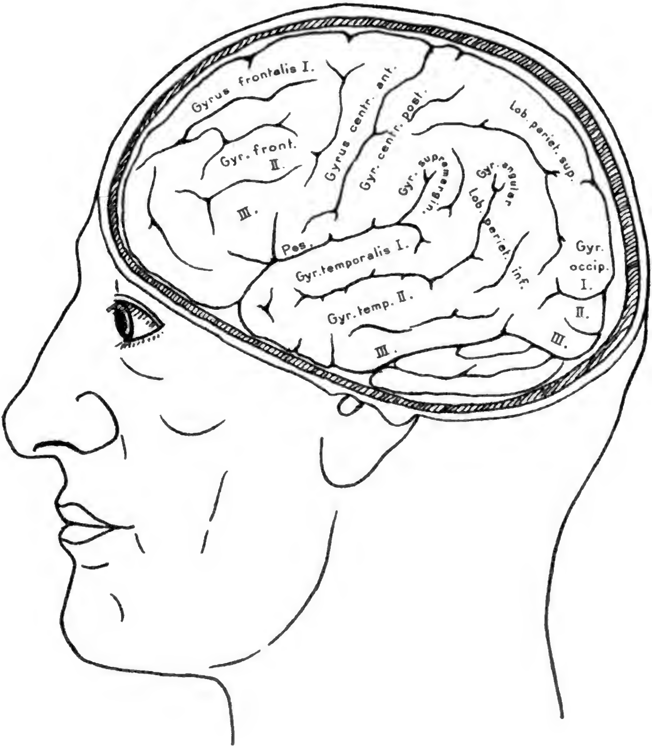

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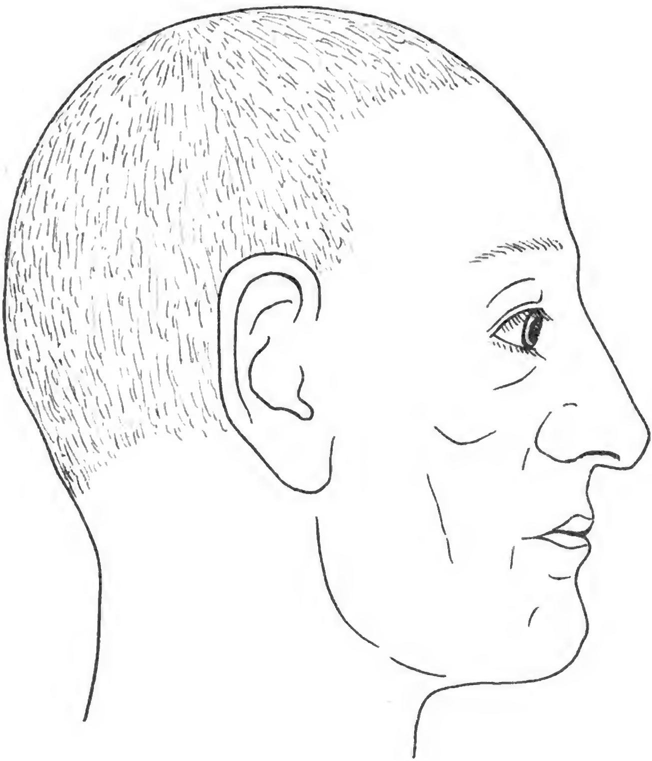


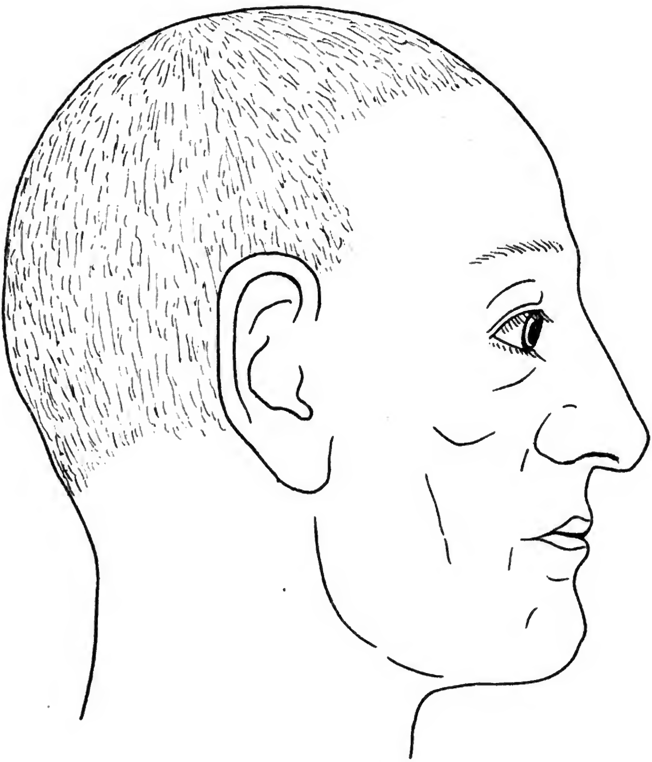


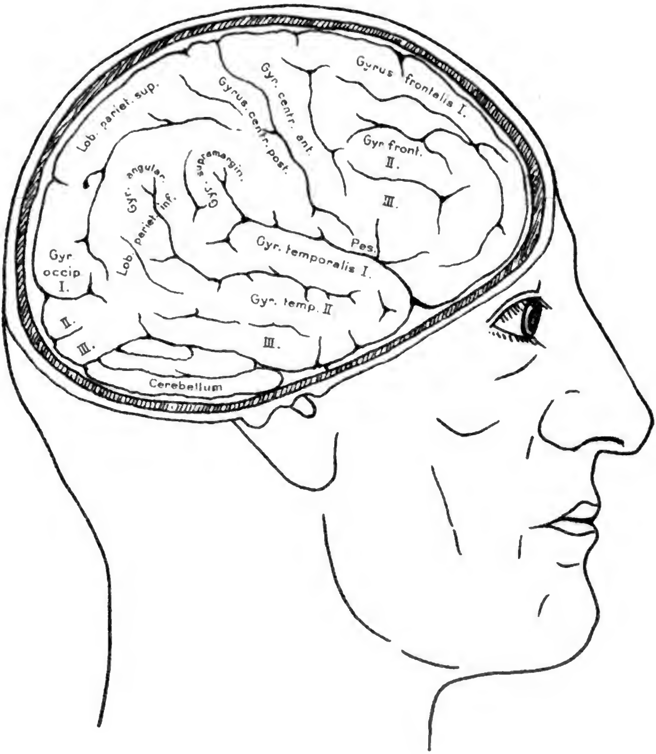
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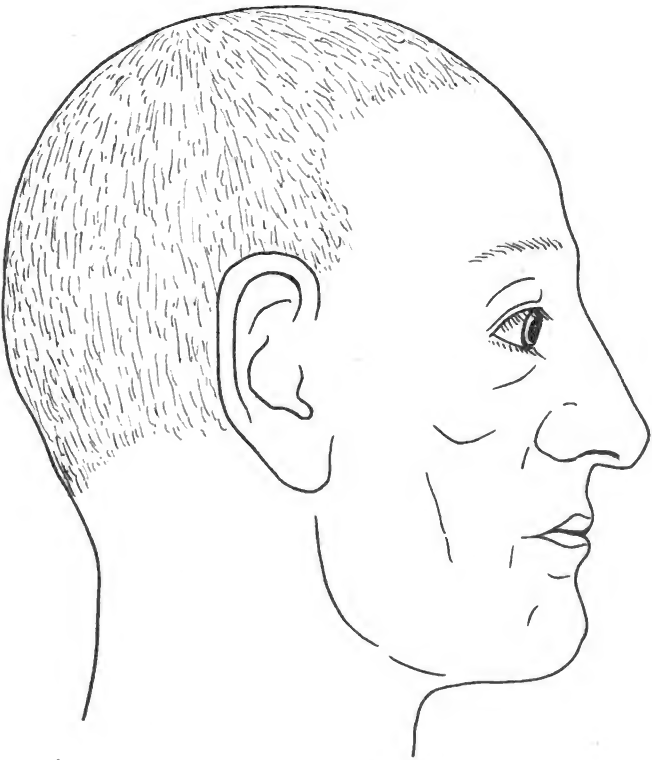


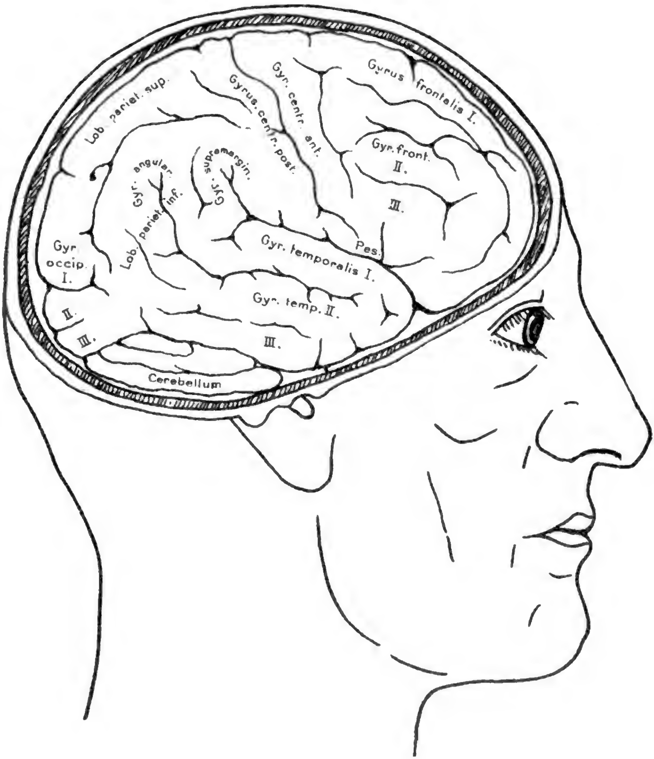

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III.



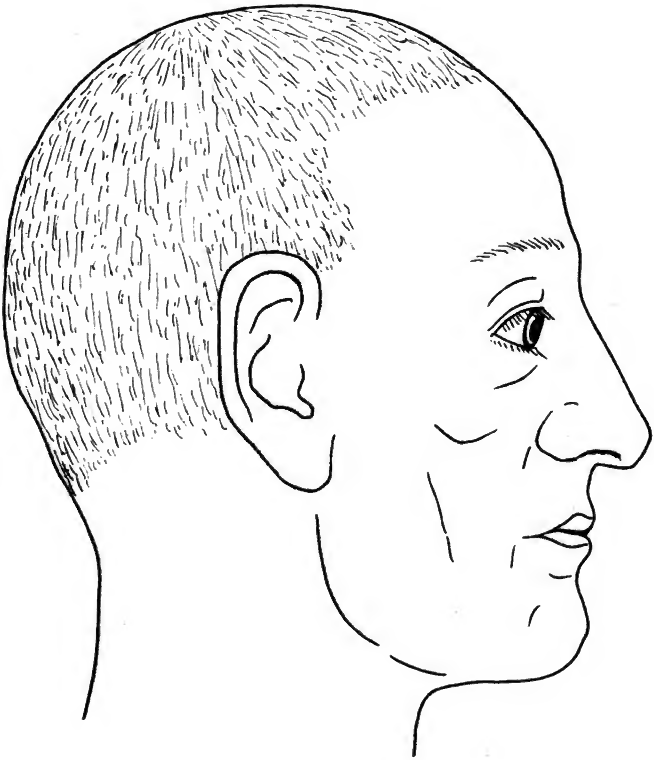


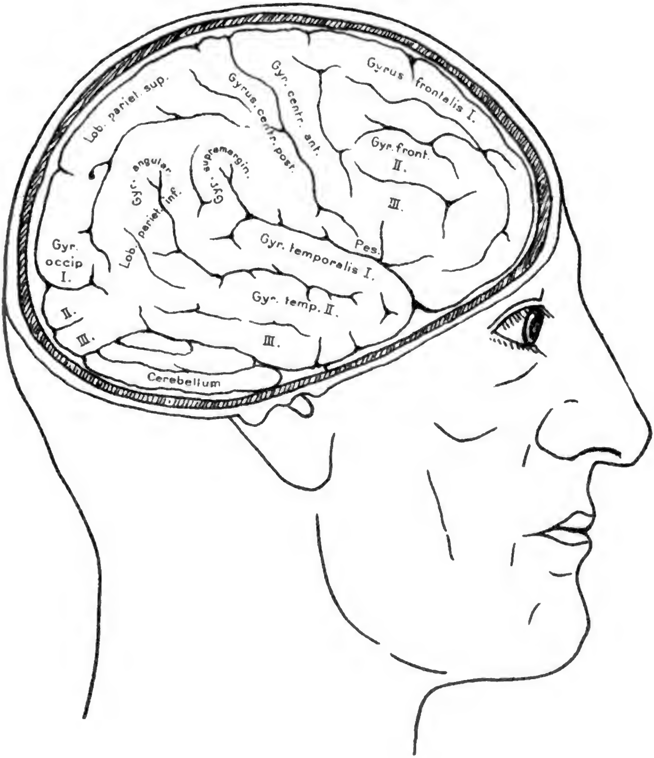

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II.
III.
Gyr. temp. II
III.
Cerebellum



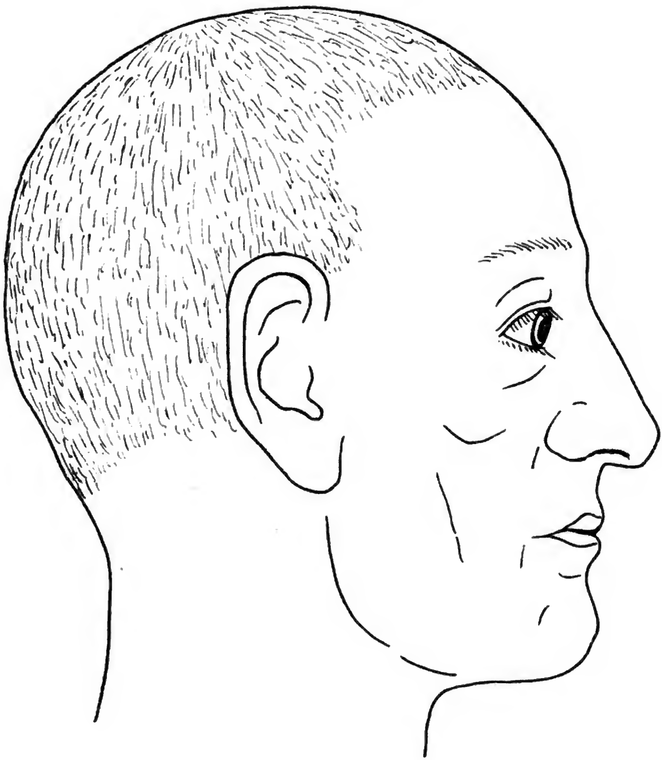


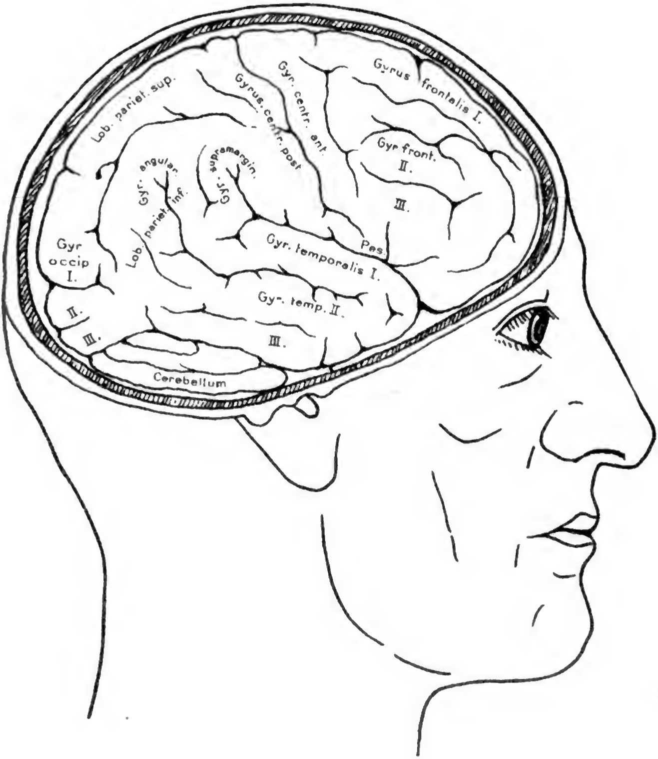
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III.
III.
Cerebellum



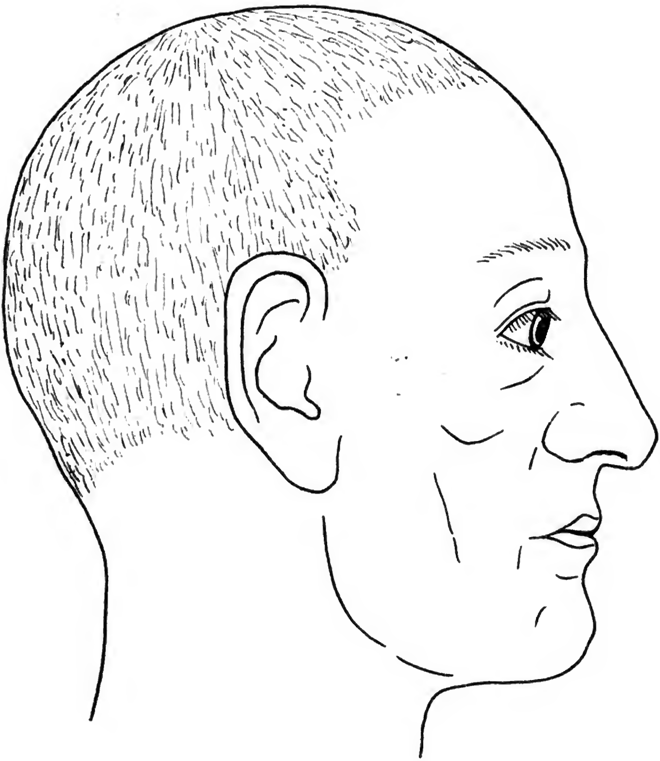


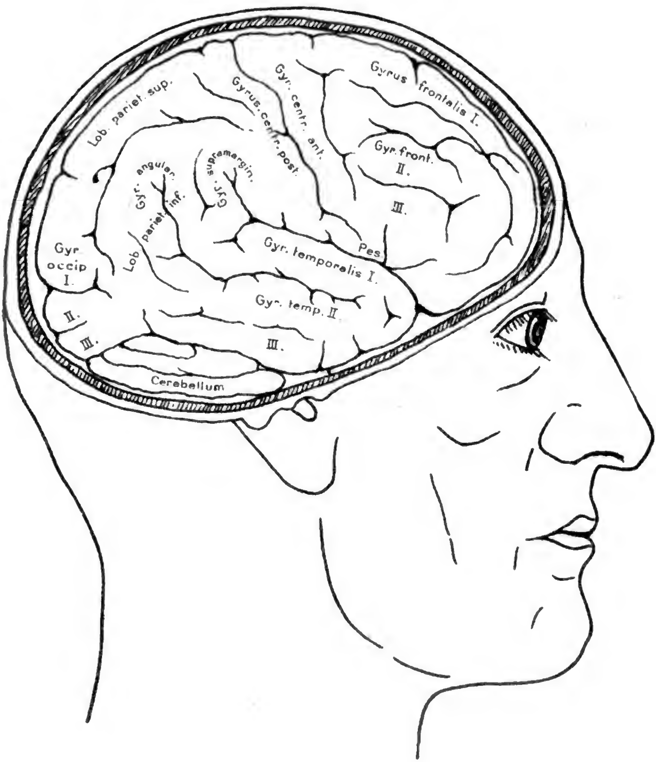
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Pes.
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Cerebellum

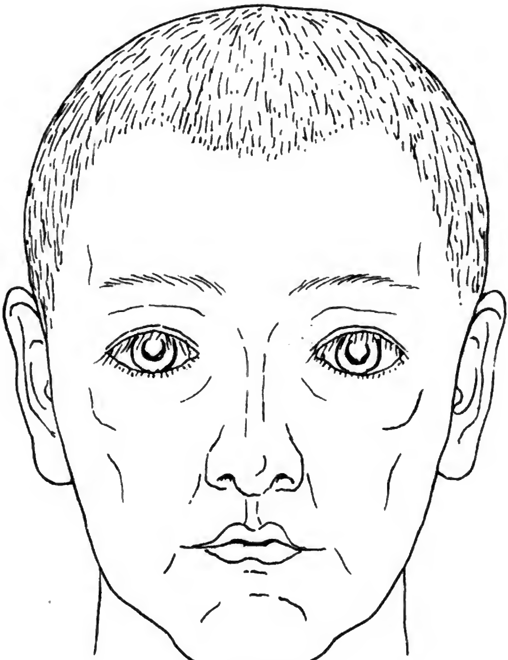


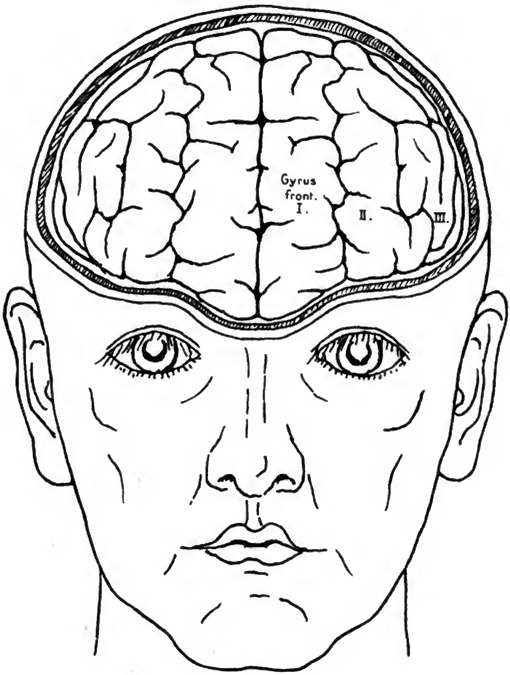


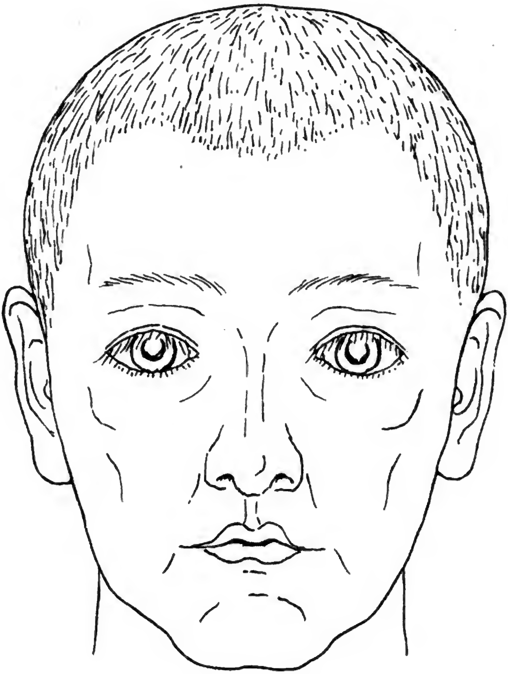
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Cerebellum

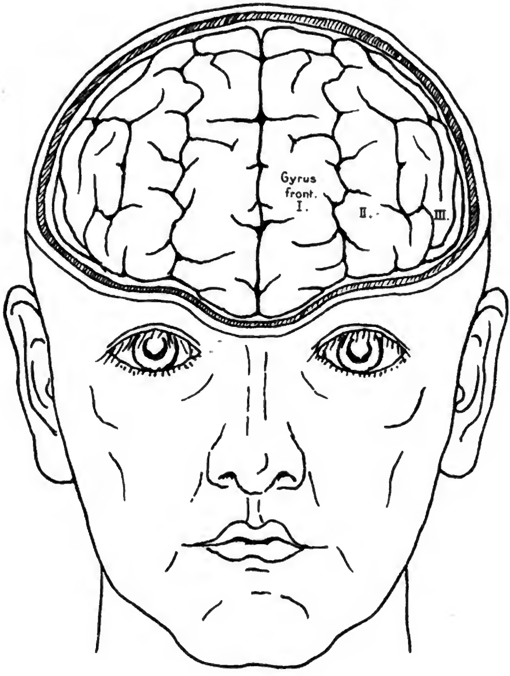


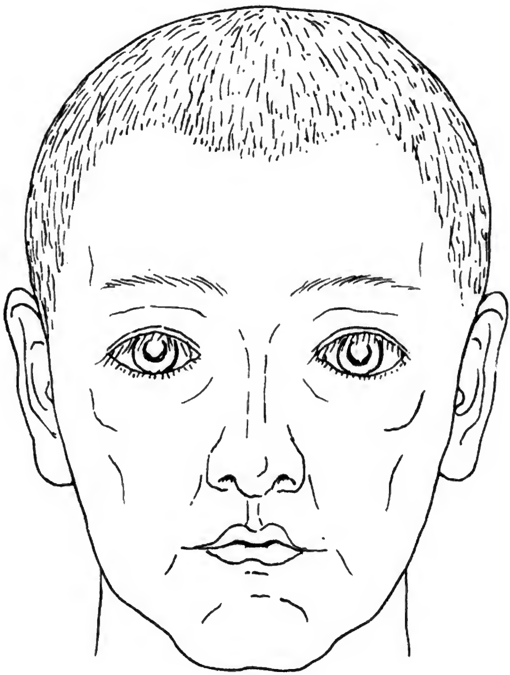

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Pes
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Cerebellum

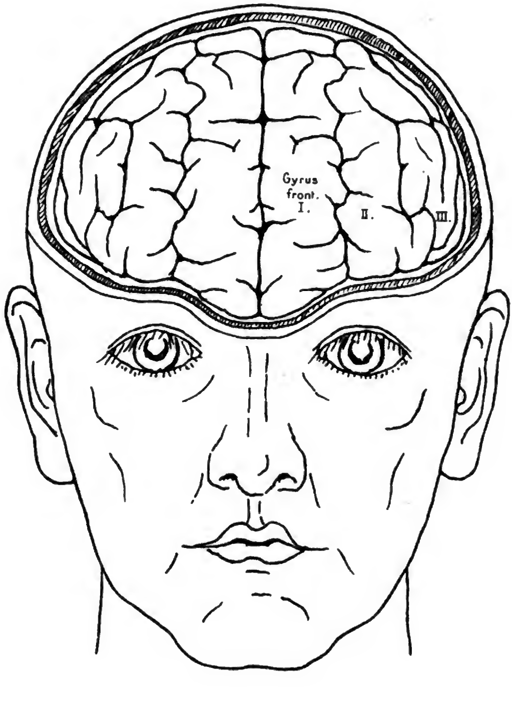


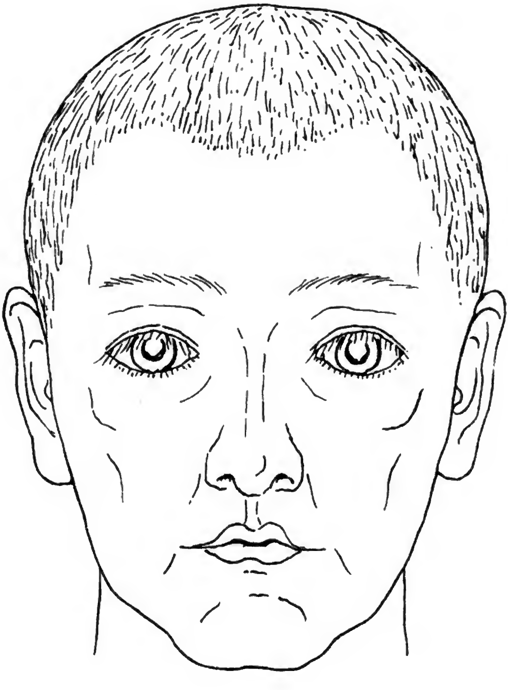

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II.
III.

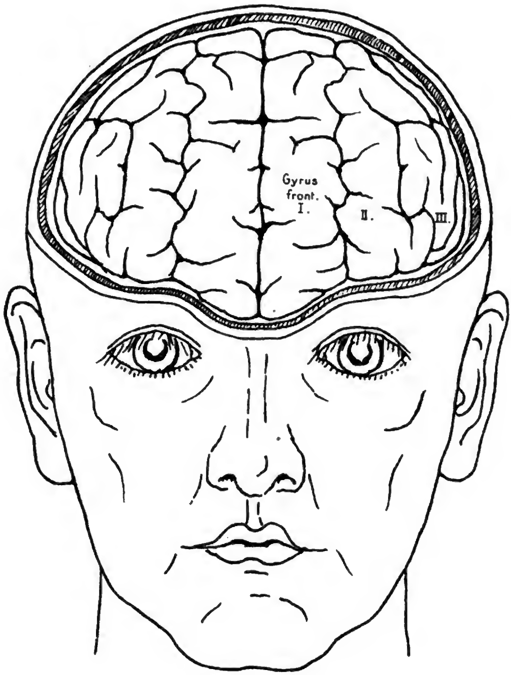


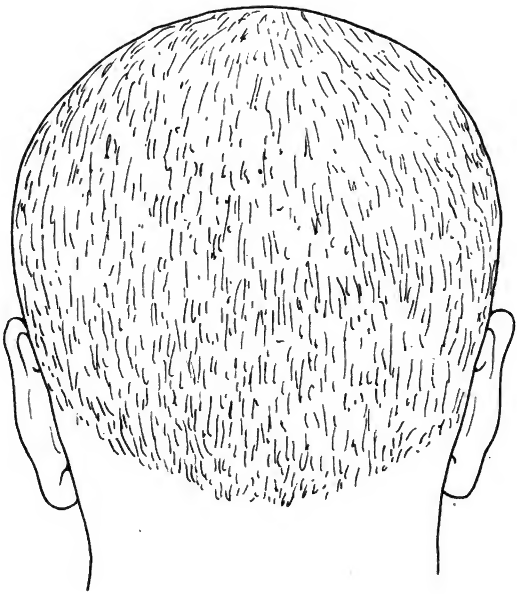

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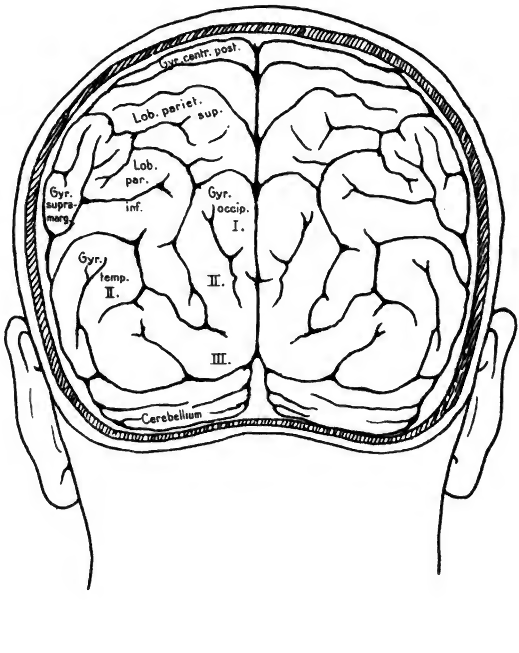



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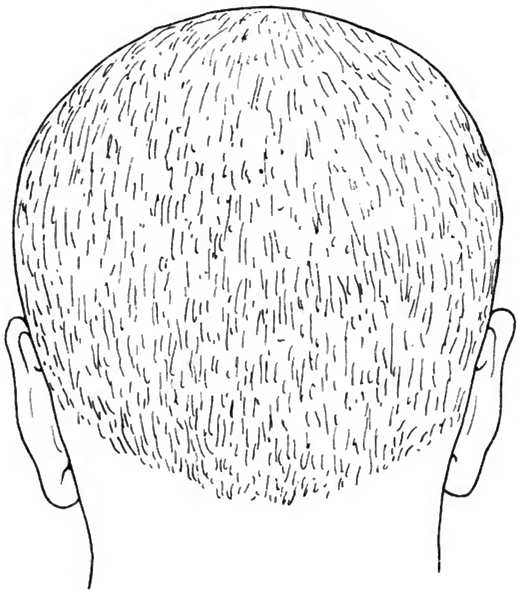


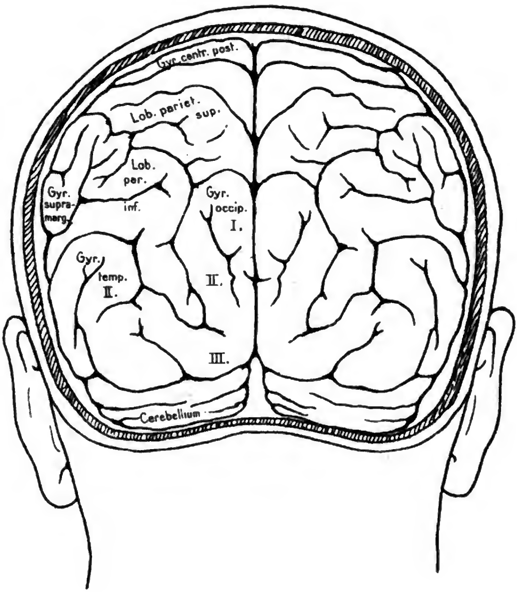

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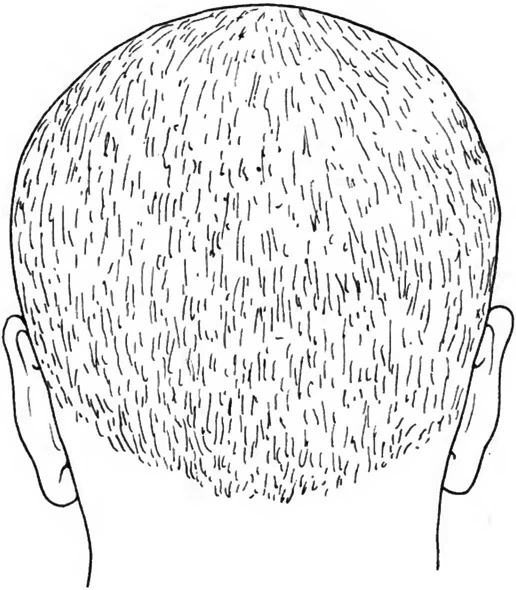


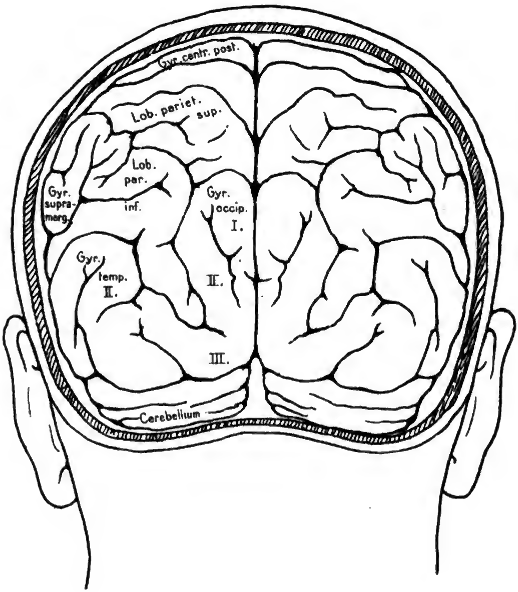


Gyr. centr. post.
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sup.
Lob.
par.
inf.
Gyr.
supra-
marg.
Gyr.
occip.
I.
II.
III.
Gyr.
temp.
II.
Cerebellum

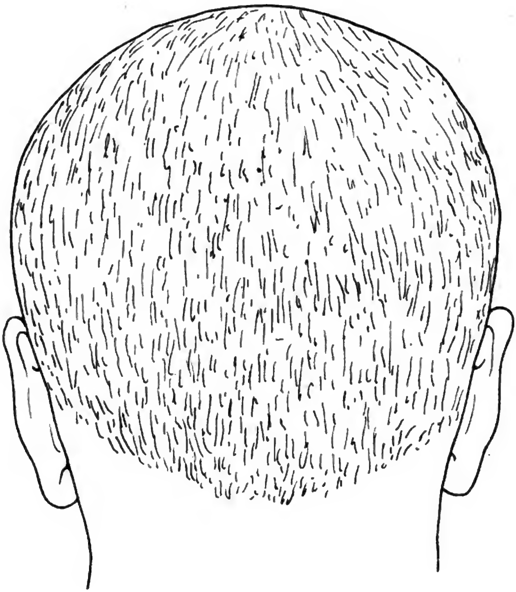


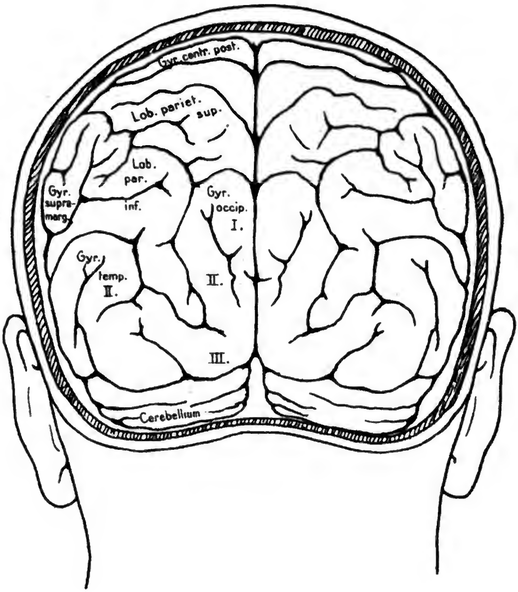

Gyr. centr. post.
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Cerebellum



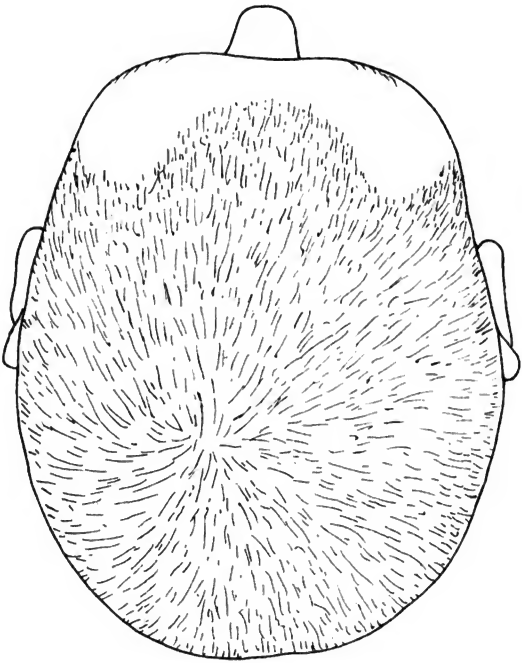


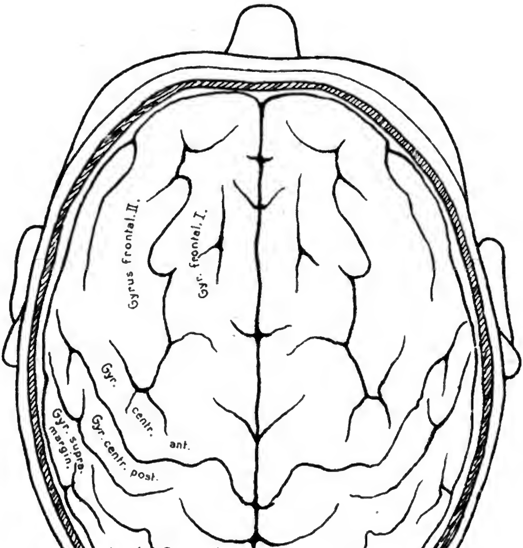
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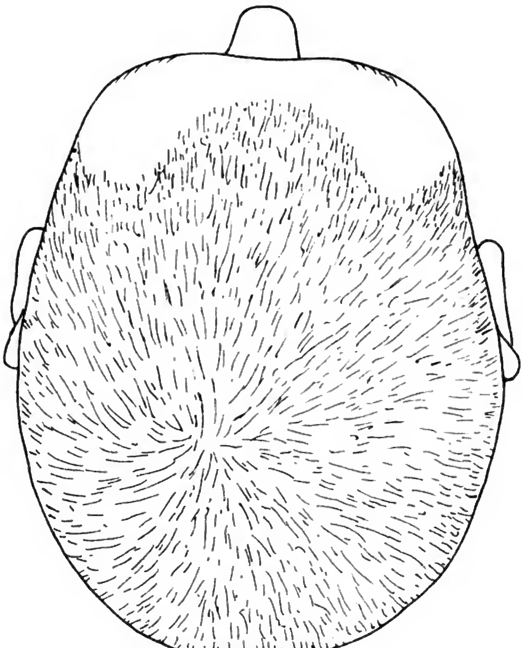


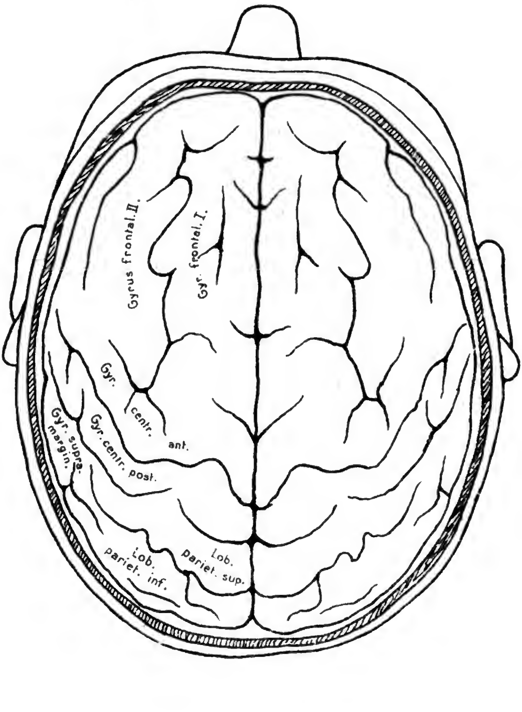
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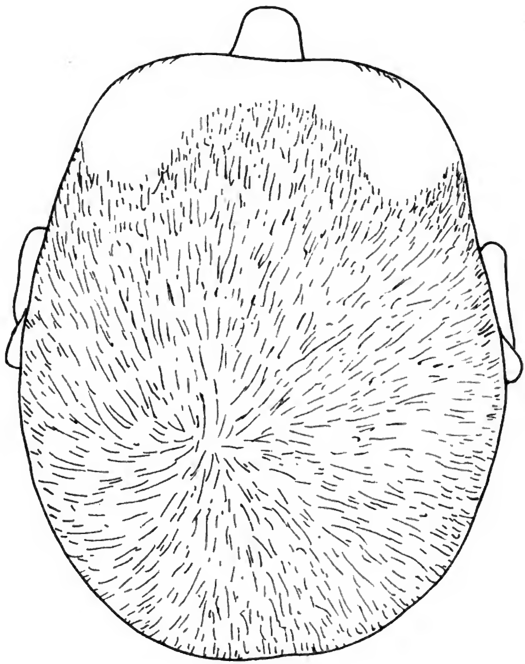


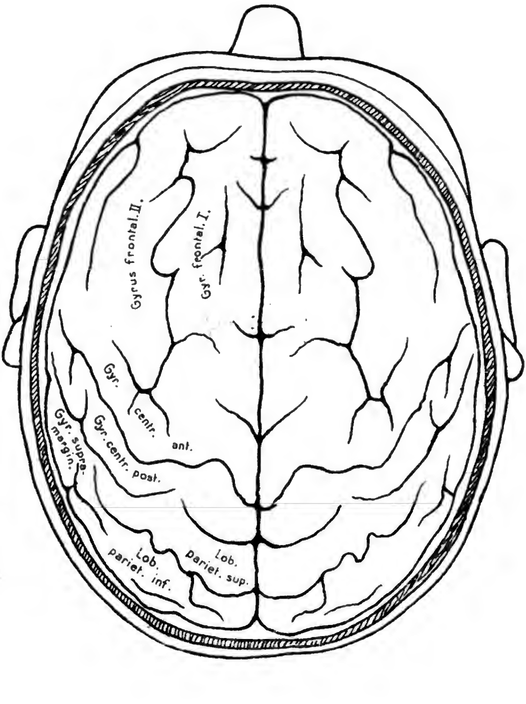


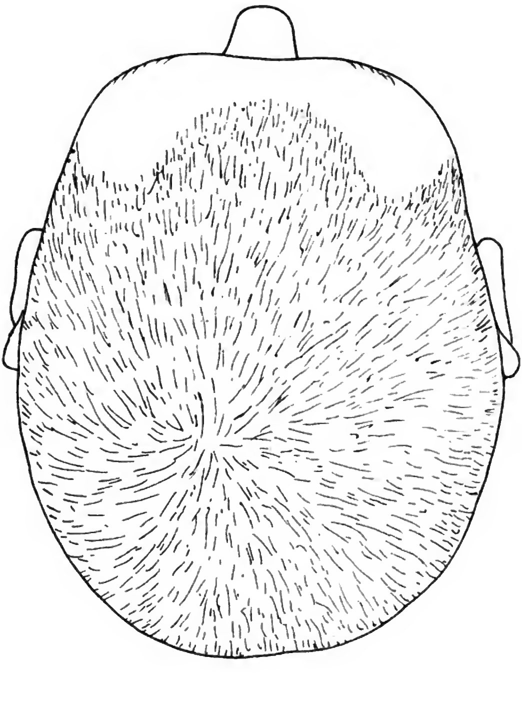
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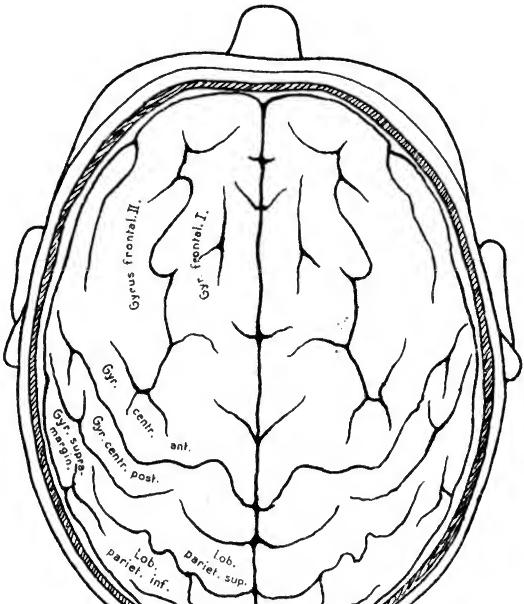



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Gyrus frontal. II.
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Gyr. centr. post.
Gyr. supra-margin.
Lob. pariet. inf.
Lob. pariet. sup.





Gyrus frontal. II.
Gyr. frontal. I.
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Gyr. centr. post.
Gyr. supra-margin.
Lob. pariet. inf.
Lob. pariet. sup.